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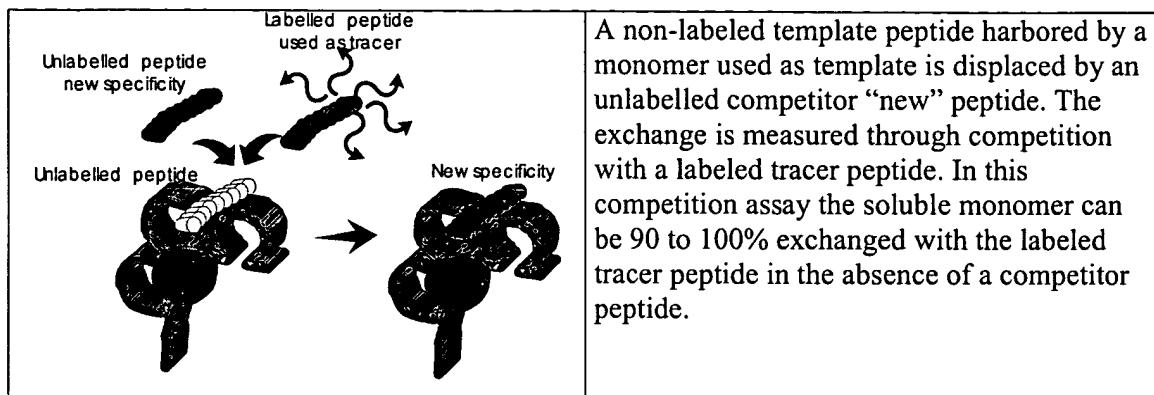


FIG. 1A

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PEPTIDE EXCHANGE FLOW CHART			
TUBE 1		TUBE 2	
Monomer HLA-A*0201/Mart-1 26-35 + Tracer HBVc-FITC + 100X Competitor peptide (New specificity)		Monomer HLA-A*0201/Mart-1 26-35 + Only HBVc-FITC tracer	
Incubation Overnight at 21°C		Incubation Overnight at 21°C	
ASSAYS			
Assay with monomer HLA-A*0201(A245V) HBVc-FITC	Assay with monoclonal anti-Beta-2microglobulin antibody	Assay with monomer HLA-A*0201(A245V) HBVc-FITC	Assay with monoclonal anti-Beta-2microglobulin antibody
Aliquot to measure peptide exchange	Aliquot to measure monomer concentration	Aliquot to measure total peptide exchange (100% of exchange)	Aliquot to measure monomer concentration
% of the exchange	µg/ml of monomer	% of the exchange	µg/ml of monomer
TETRAMERIZATION			

FIG. 1B

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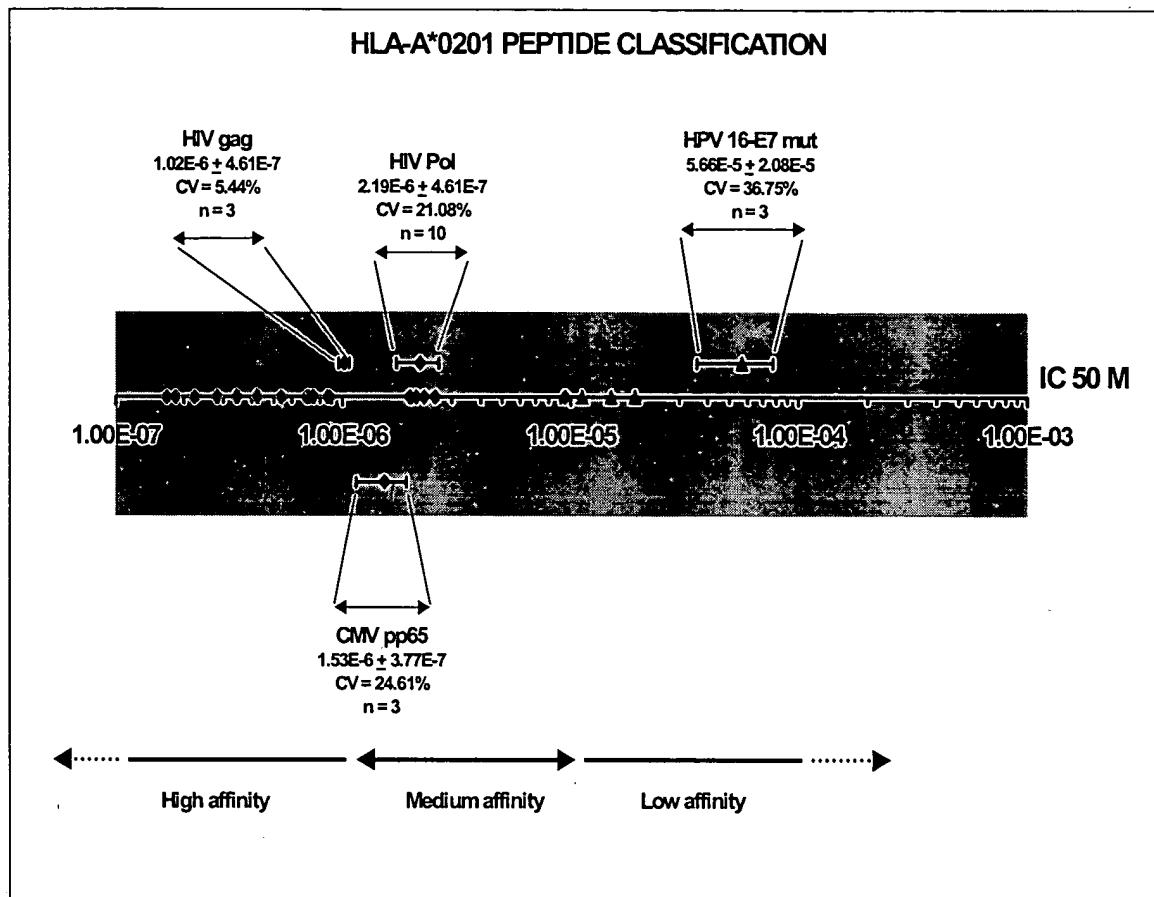


FIG. 2

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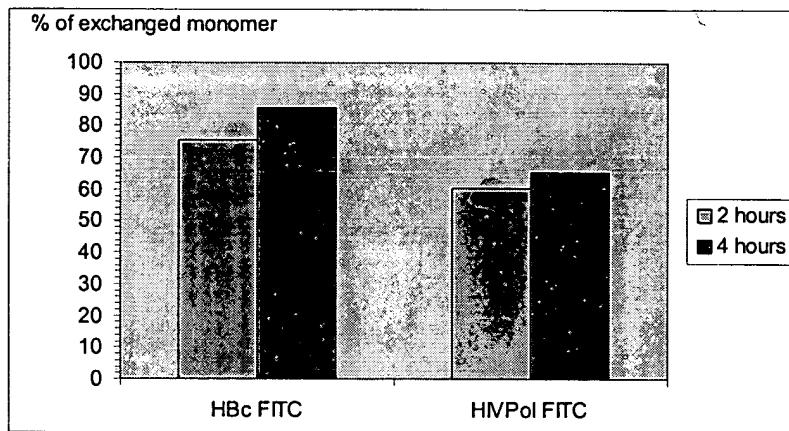


FIG. 3

APPLICANT(S): Montero-Julian et al.
TITLE: SOLUTION-BASED METHODS FOR
DETECTING MHC-BINDING PEPTIDES
APPLICATION NO.: Not Yet Assigned
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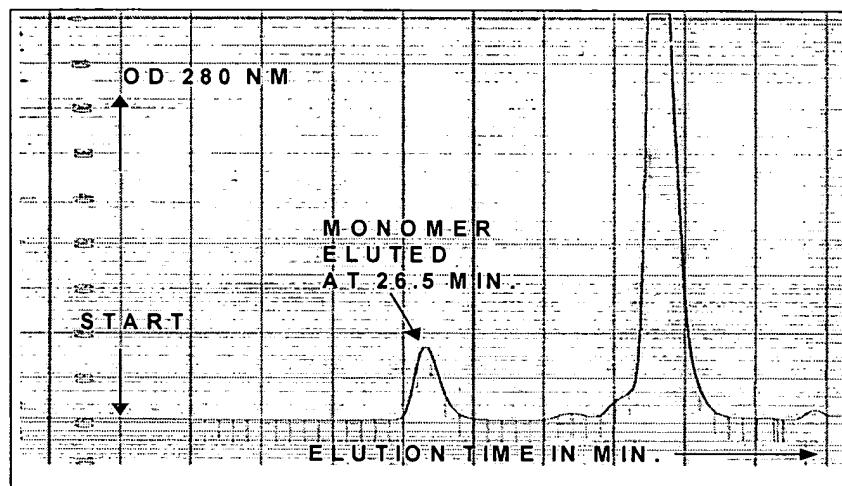


FIG. 4

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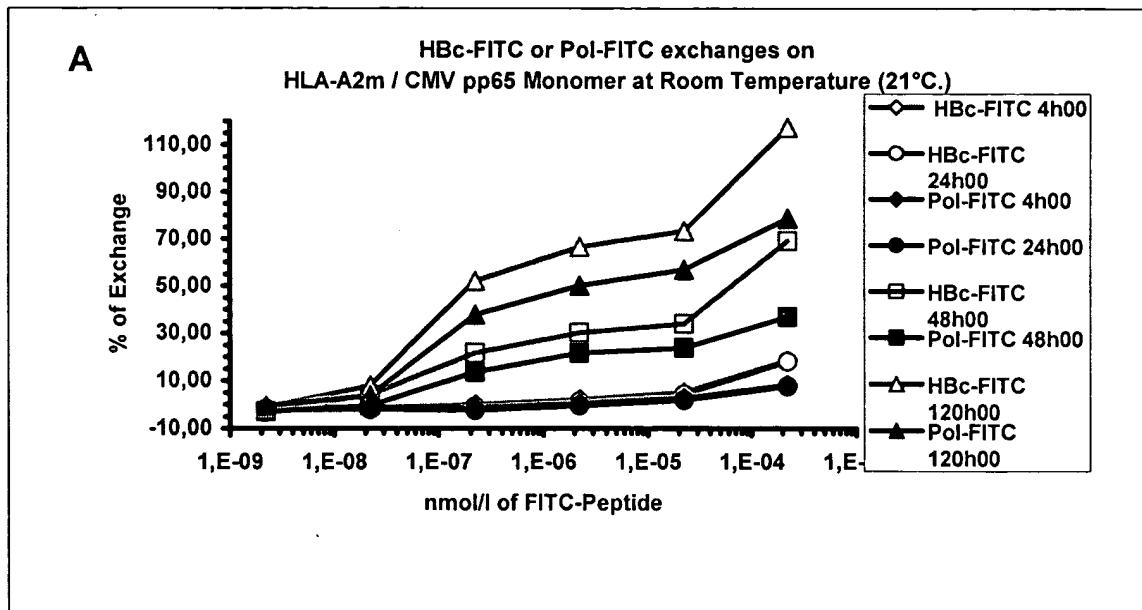


FIG. 5A

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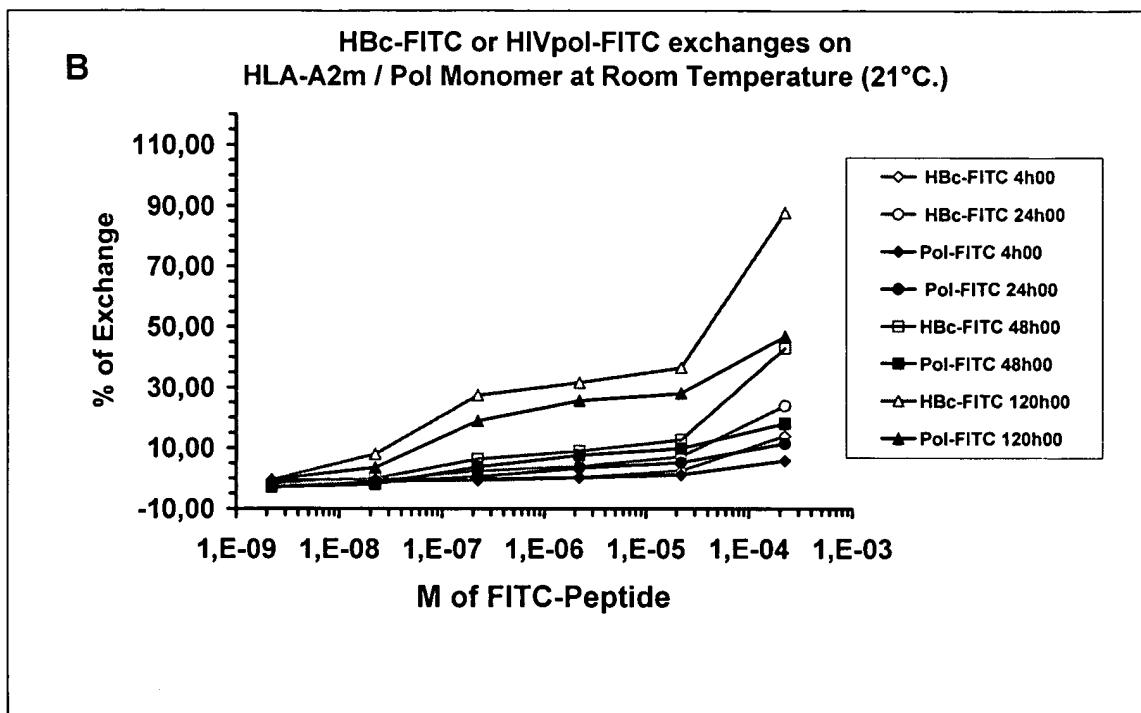


FIG. 5B

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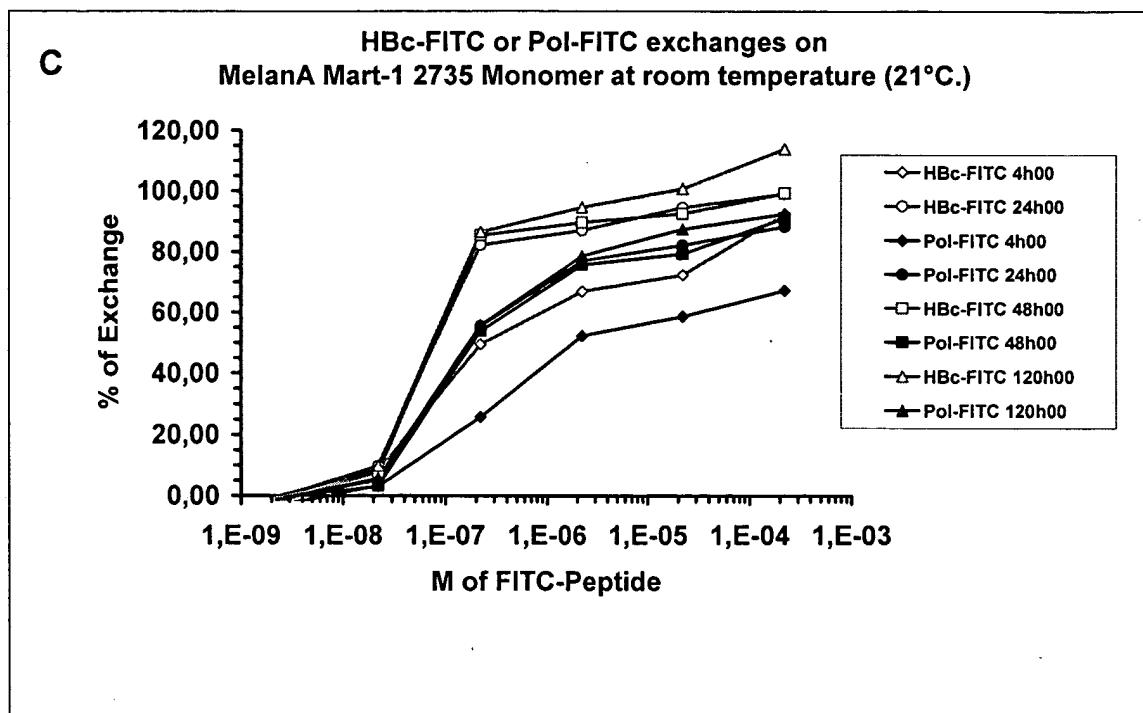


FIG. 5C

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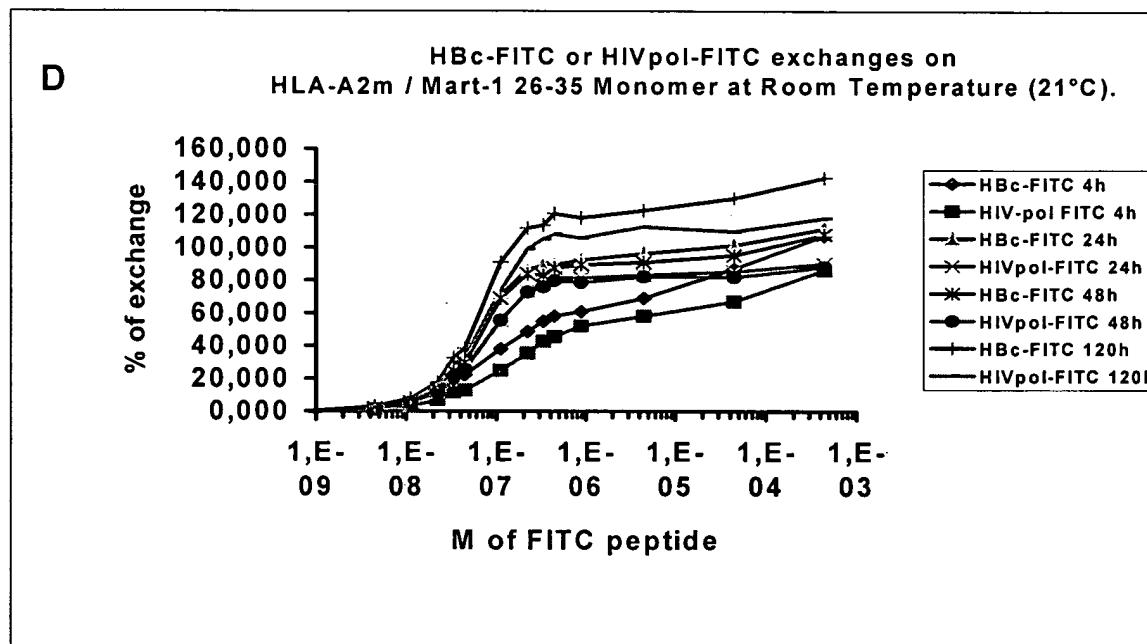


FIG. 5D

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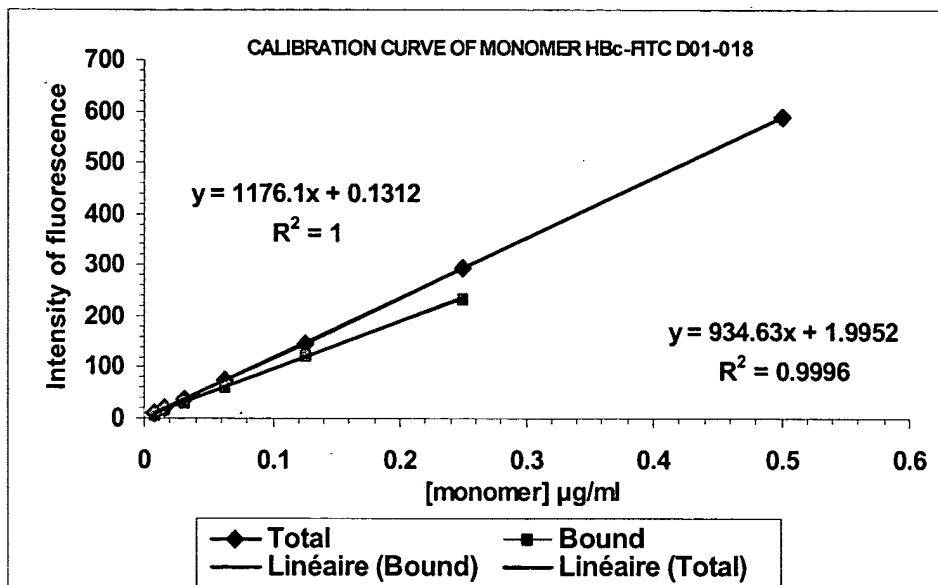


FIG. 6A

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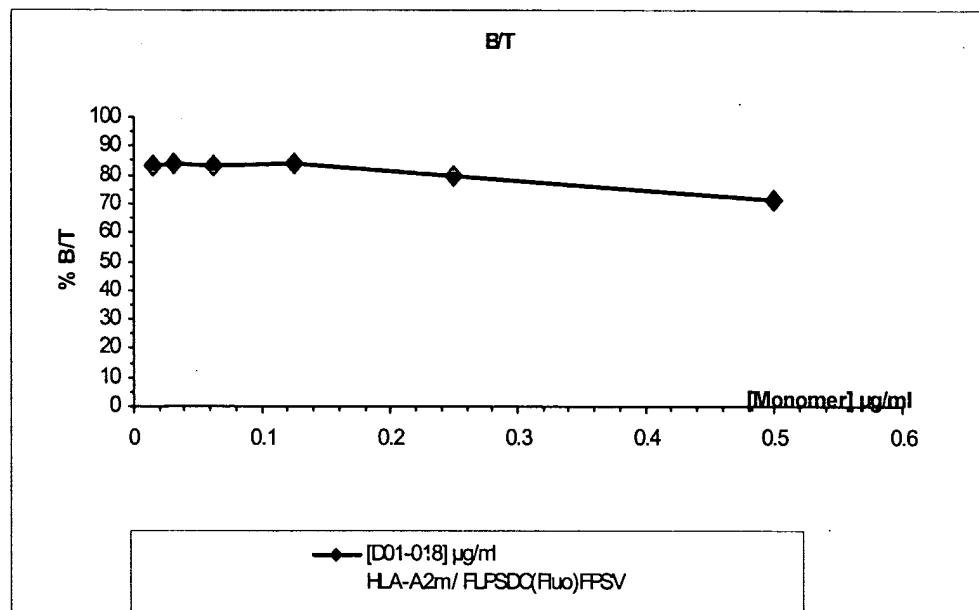


FIG.6B

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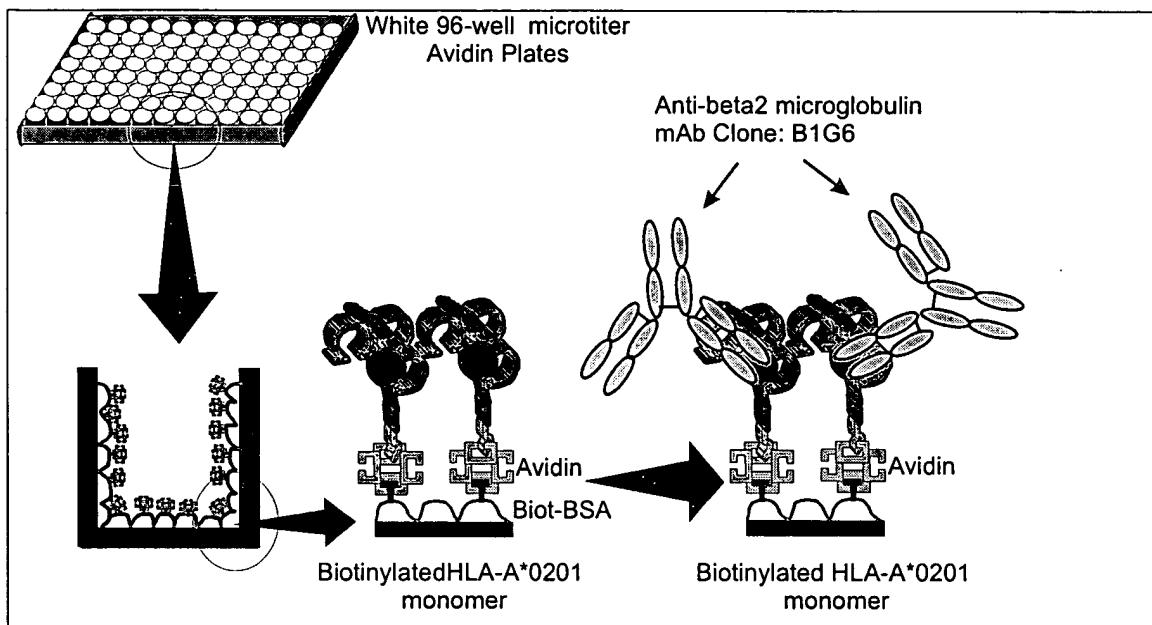


FIG. 7

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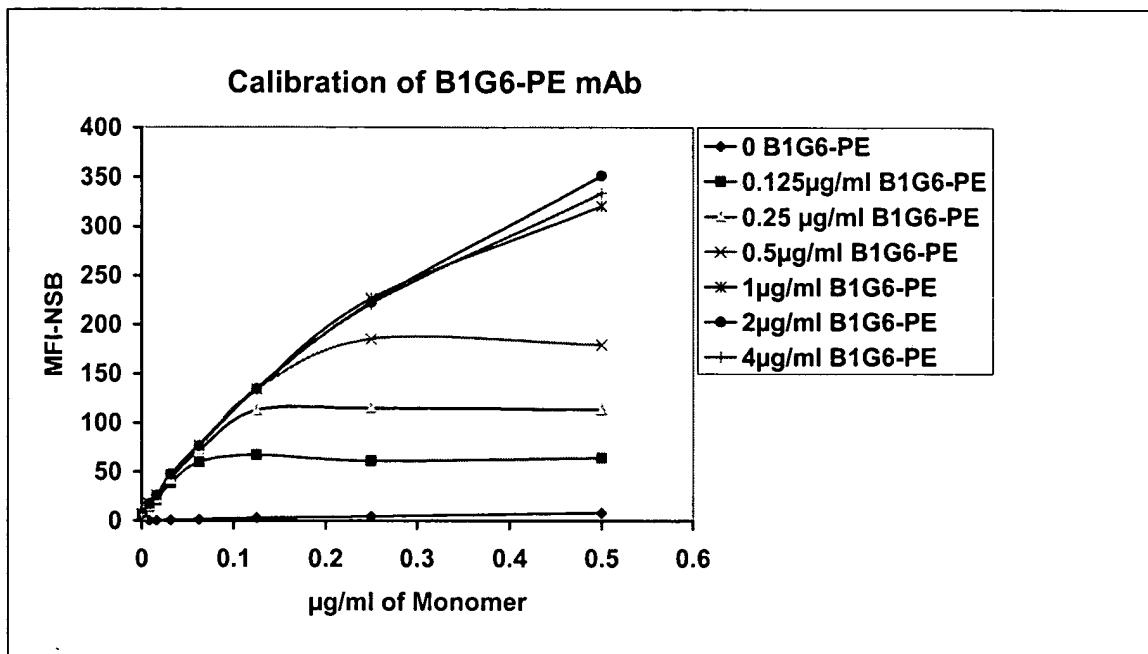


FIG. 8

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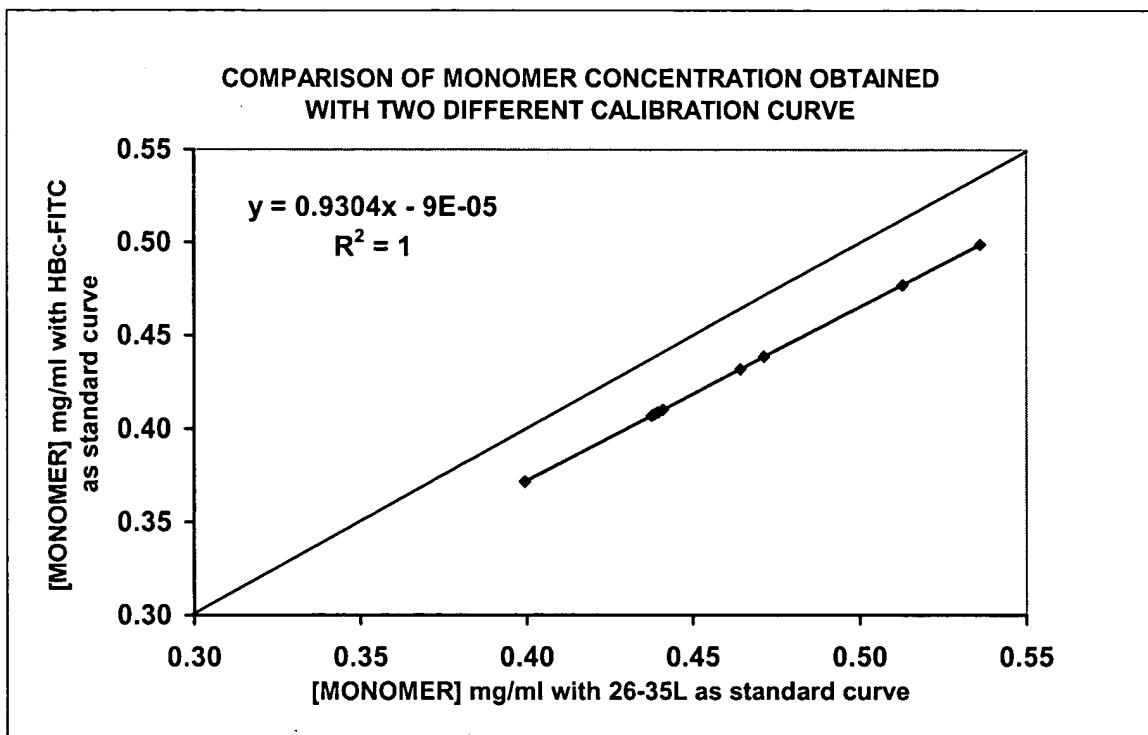


FIG. 9

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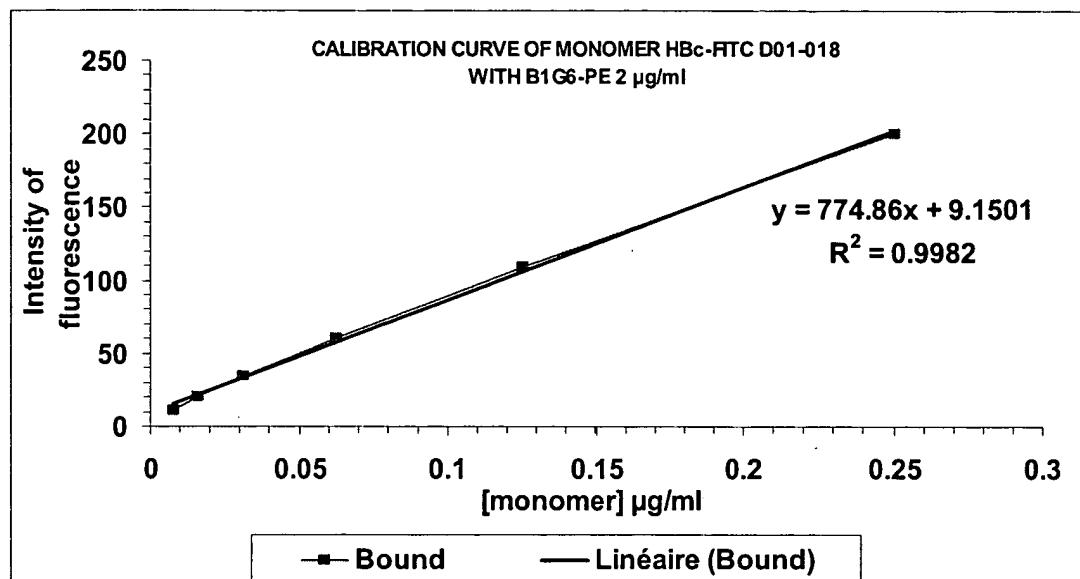


FIG. 10

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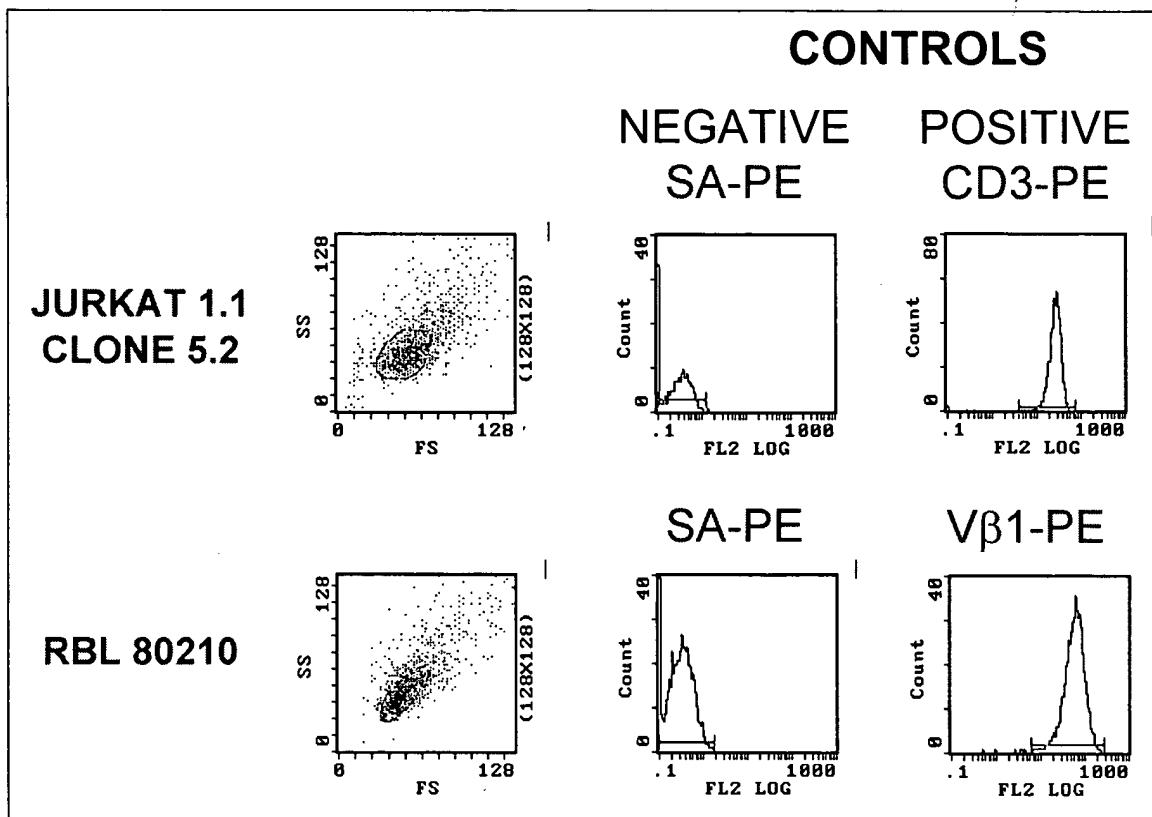


FIG. 11

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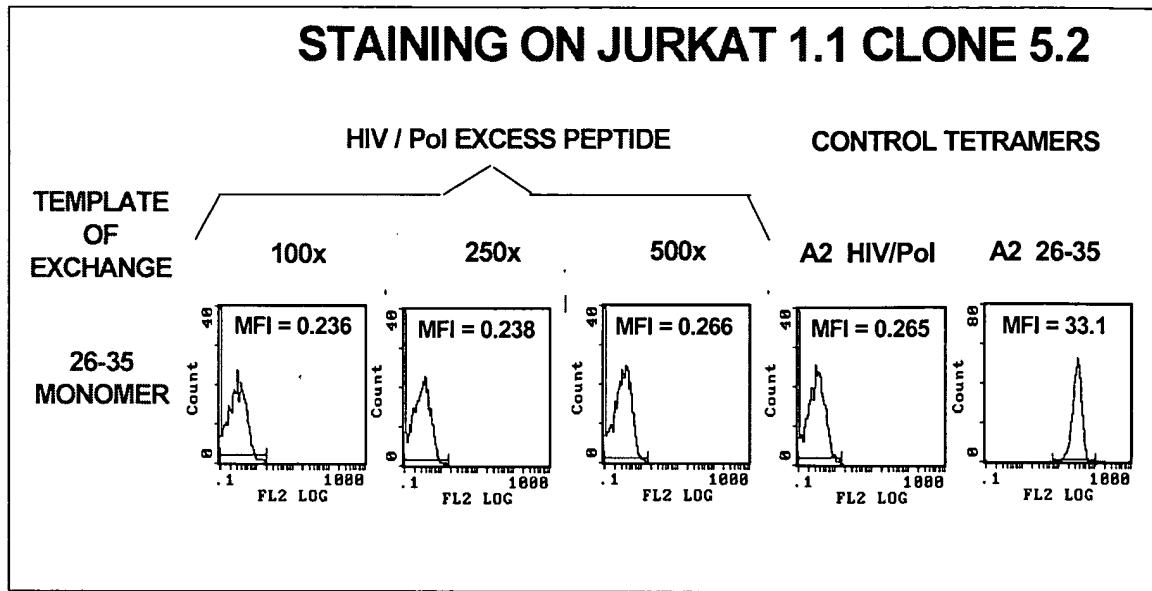


FIG. 12

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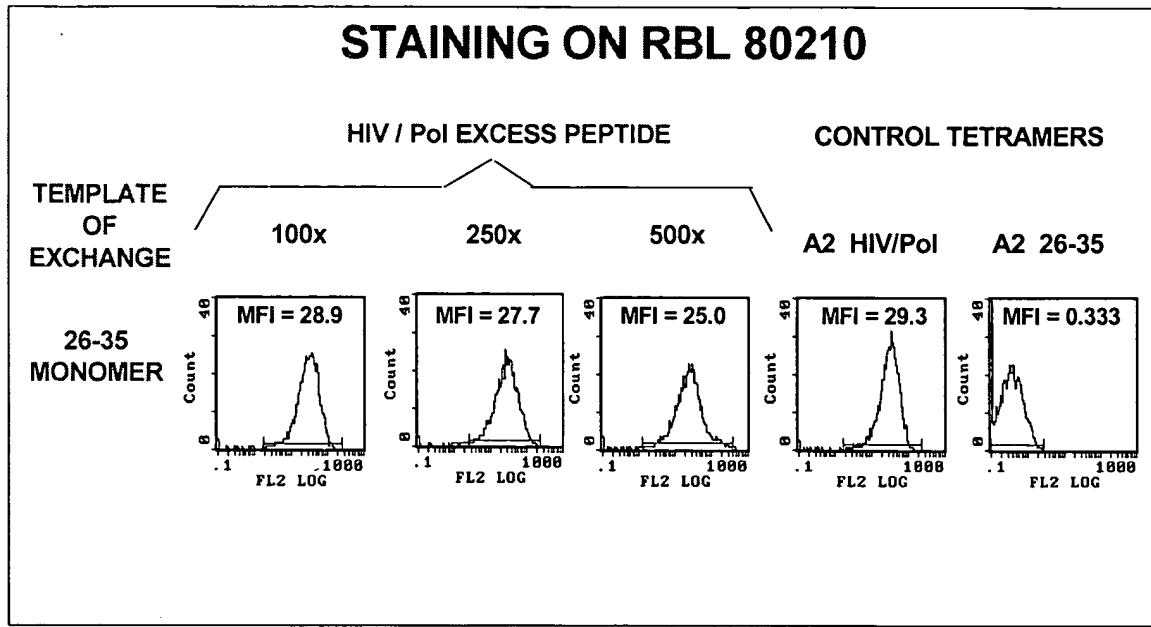


FIG. 13

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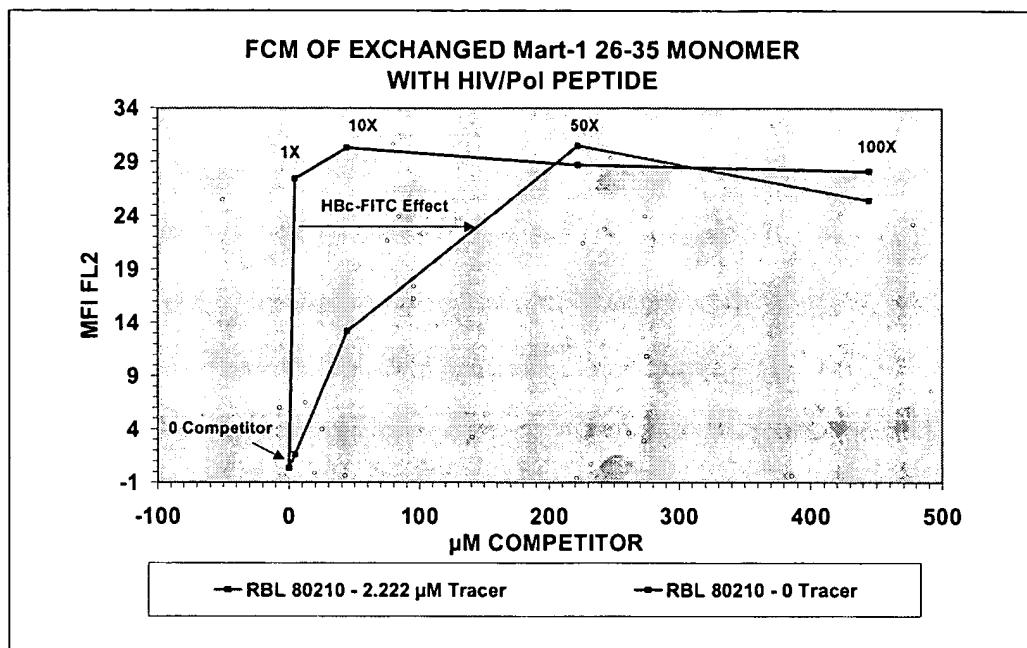


FIG. 14A

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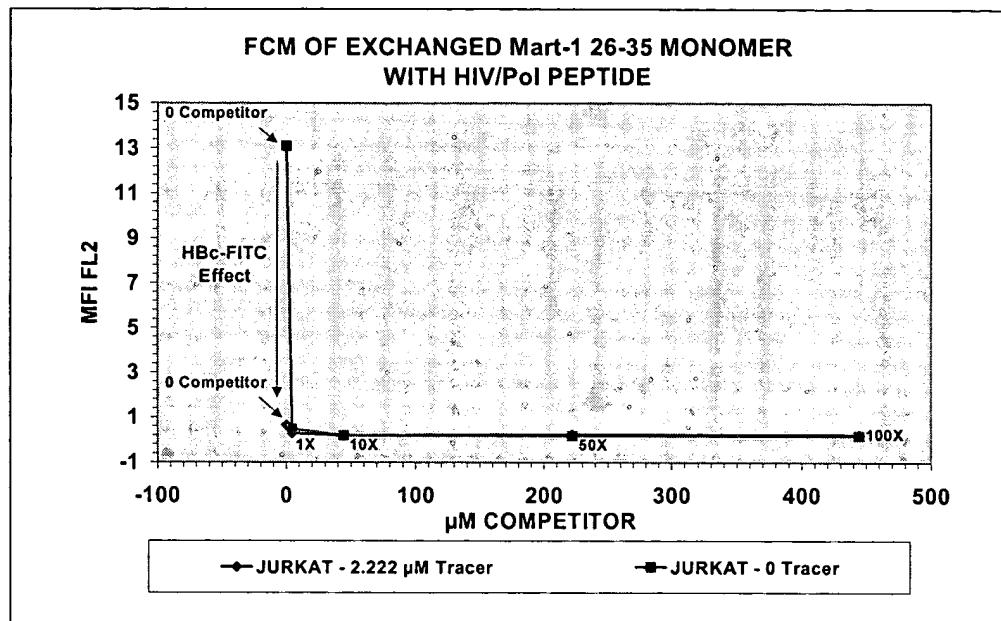


FIG. 14B

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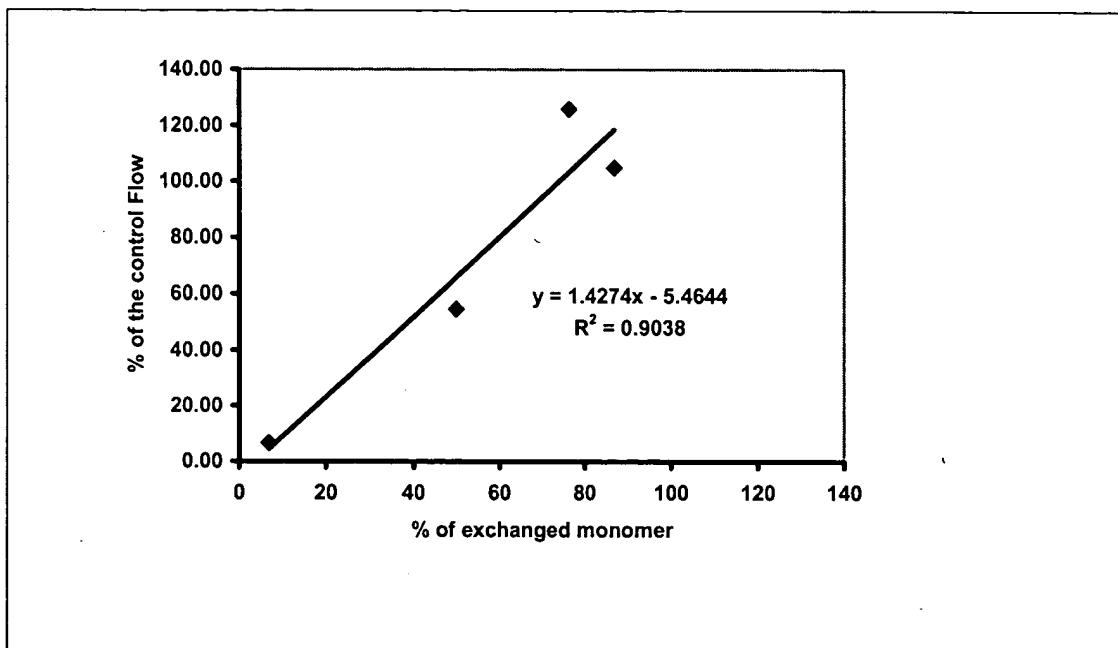


FIG. 15.